

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
9 September 2005 (09.09.2005)

PCT

(10) International Publication Number
WO 2005/082297 A3

(51) International Patent Classification⁷: A61F 5/441, 5/445

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number: PCT/DK2005/000136

(22) International Filing Date: 28 February 2005 (28.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: PA 2004 00350 1 March 2004 (01.03.2004) DK

(71) Applicant (for all designated States except US): COLO-PLAST A/S [DK/DK]; Holtedam 1, DK-3050 Humlebæk (DK).

(72) Inventor; and

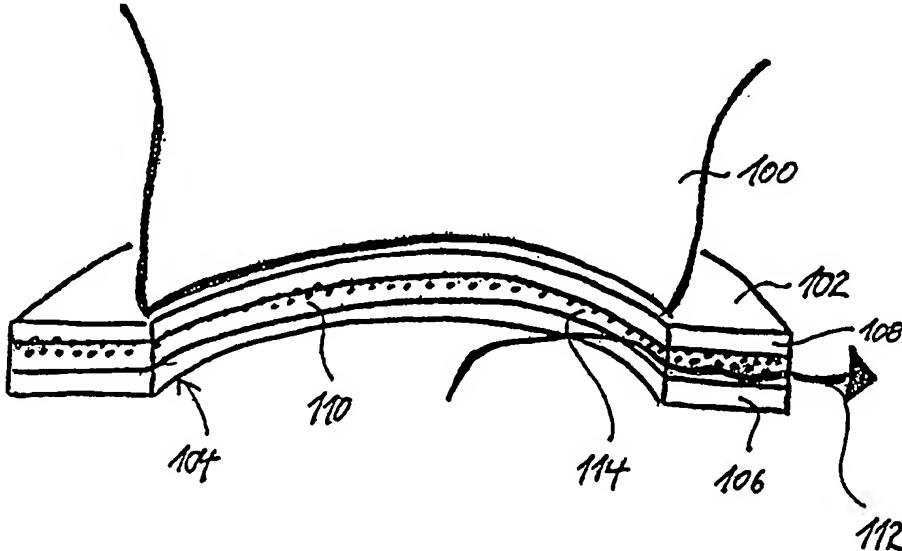
(75) Inventor/Applicant (for US only): STRØBECH, Esben [DK/DK]; Selmersvej 11, DK-2970 Hørsholm (DK).

(74) Agent: INSPIPOS A/S; Bøge Allé 5, P.O. Box 45, DK-2970 Hørsholm (DK).

Published: — with international search report

[Continued on next page]

(54) Title: OSTOMY SYSTEM



WO 2005/082297 A3

(57) Abstract: An ostomy system for receiving bodily waste comprises a gas impermeable outer bag and a water impermeable inner bag (100) enclosed within the outer bag, as well as a coupling system (104) for attaching the bag to the body of a patient and for securing the outer bag in relation to the inner bag. The coupling system defines an orifice to enable bodily waste to be received by the inner bag and comprises a barrier for preventing liquids and solid particles from passing from the inner bag to the outer bag, at least part of the barrier being permeable to flatus gasses. The barrier may be in the form of a foam (110). The outer bag comprises an outlet with a flatus filter releasing flatus gasses from the outer bag. An inner bag is provided, which maintains its physical integrity, e.g. its buoyancy upon immersion in water.